



Acer Chromebook CB3-431-C5EX RAM Replacement

Whether you are looking to repair or upgrade your RAM, this replacement guide will instruct you on how to replace the RAM in your Acer Chromebook.

Written By: Cayley Ho



INTRODUCTION

This replacement guide will instruct you on how to replace the RAM on your Chromebook. All you need for this replacement is a Phillips #0 screwdriver, a plastic spudger, tweezers, and a heat gun. Make sure to completely power down your laptop before working on it, and handle the internal components of the Chromebook with care as they are fragile. This is a very hard repair that requires the use of a heat gun which can be very dangerous if handled improperly.




TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Heat Gun](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Bottom Panel



 Working on your device while it is turned on may result in electric shock. Make sure to shut down and unplug your device before you begin.

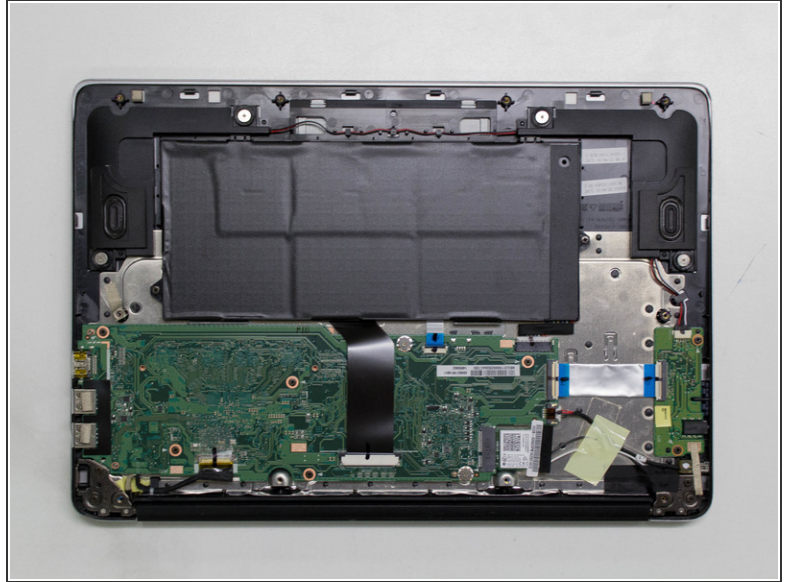
- Turn device over so the bottom panel is facing you.

Step 2



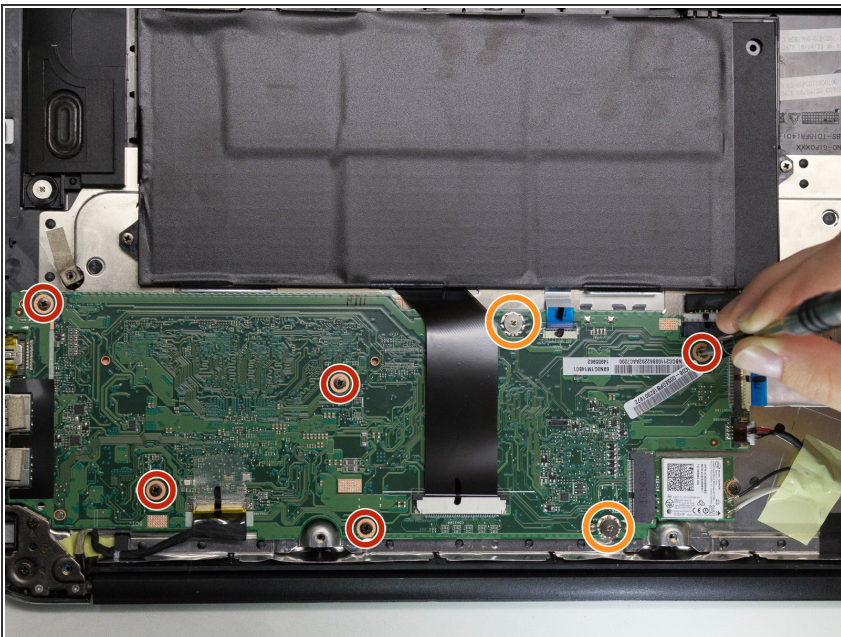
- Remove the eight 4mm Phillips #0 screws.
- Remove the two 6mm Phillips #0 screws.

Step 3



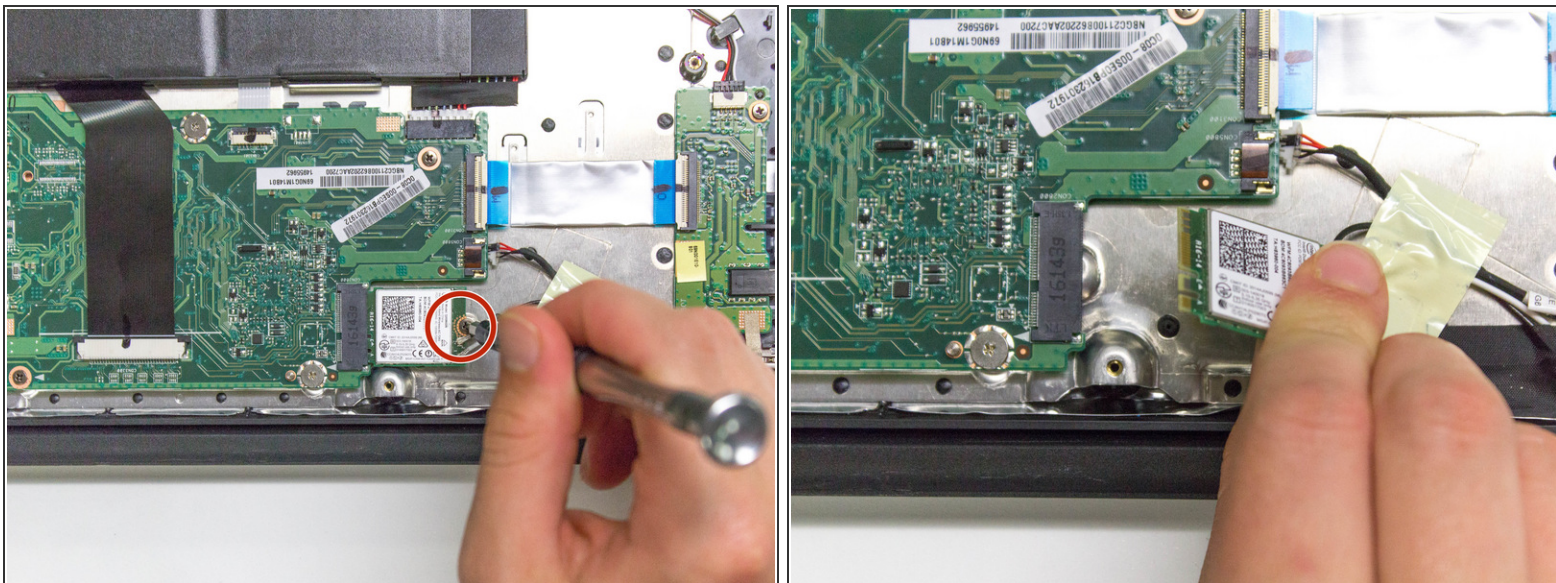
- Insert a plastic opening tool into the crack between the bottom panel and the side of the computer.
- Gently pry the panel off the computer by continuously pulling up and on the panel and moving the plastic opening tool around the crack until the panel comes off.
- Remove the bottom panel and set it aside.

Step 4 — RAM



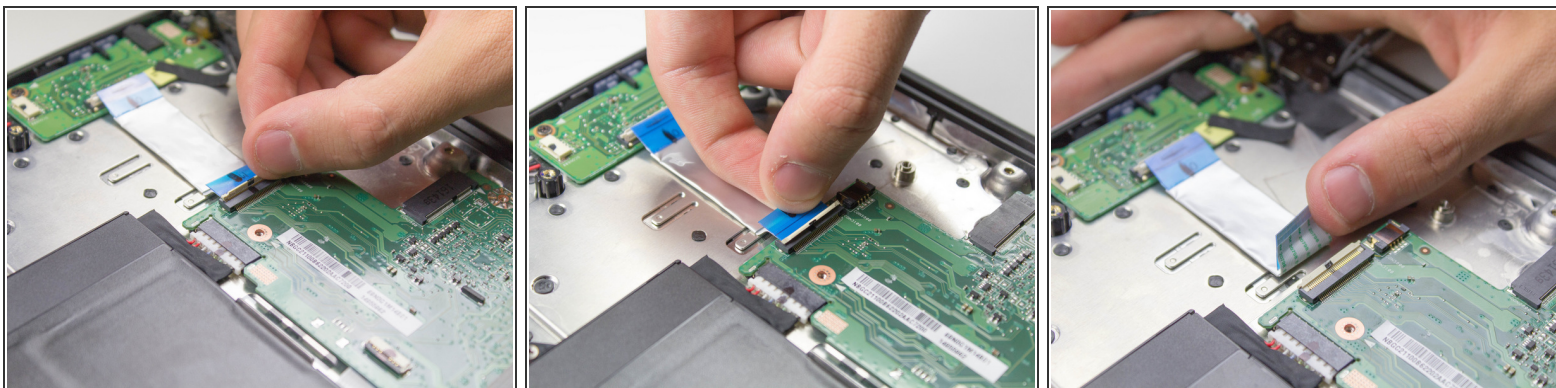
- Remove the five 4mm Phillips #0 screws securing the main circuit board.
- Also remove the two wide head 4mm Phillips #0 screws.

Step 5



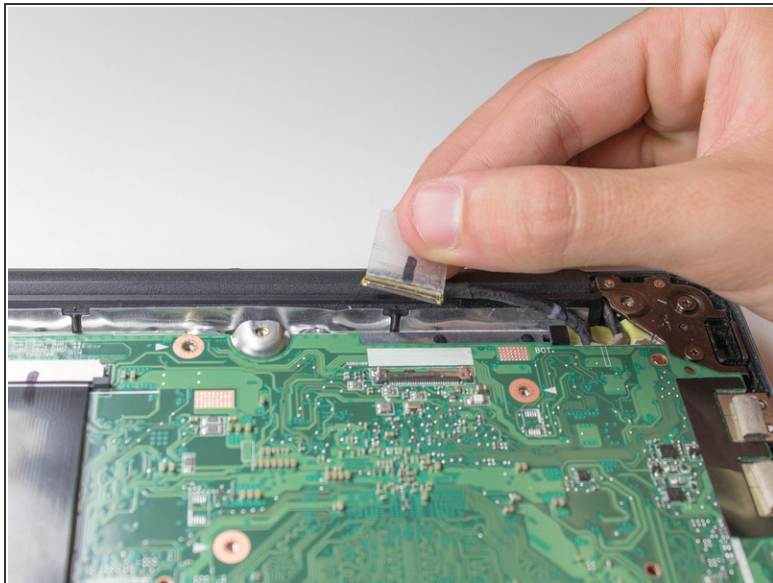
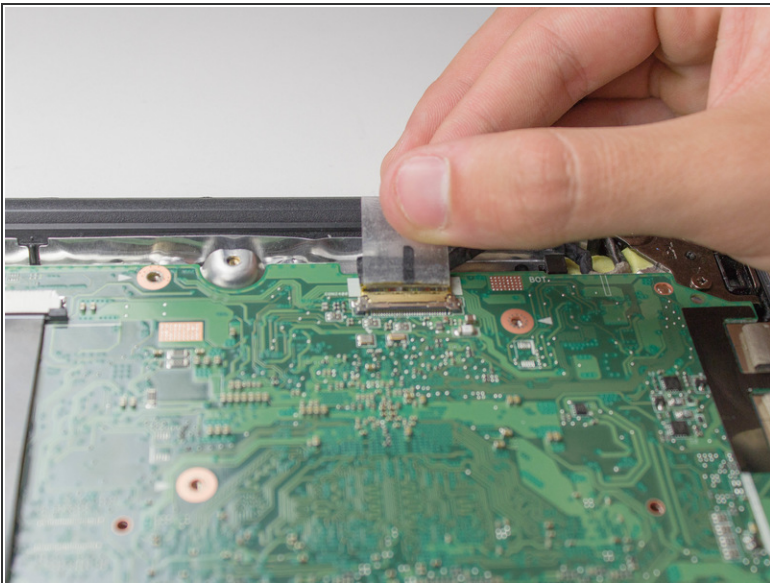
- Remove the 4mm Phillips #0 screw holding the Wireless Adapter.
- Unplug the wireless adapter from the main circuit board by giving the adapter light pressure and sliding it out of its port.

Step 6



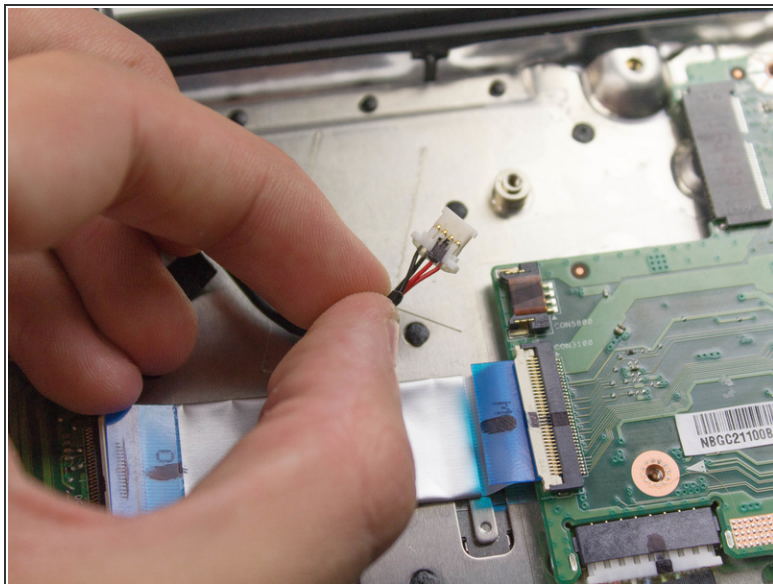
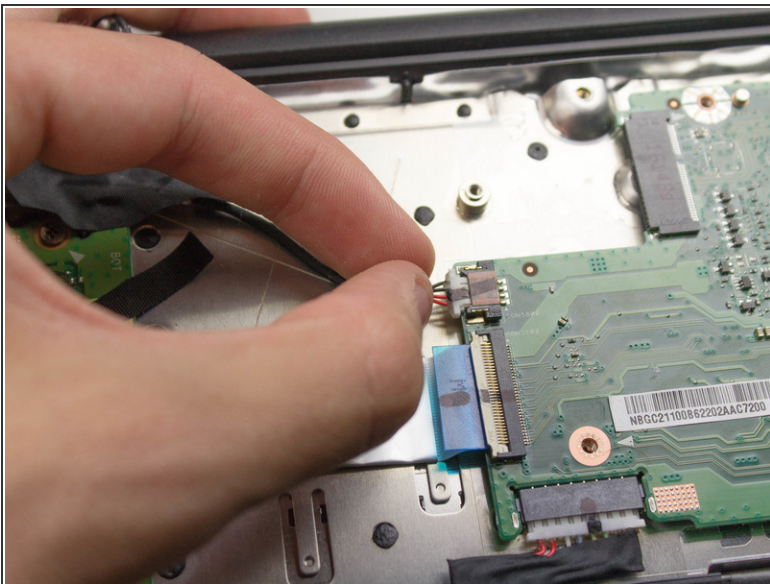
- Flip the lever over that is attached to the blue and white ribbon cable in order to unlock the cable.
- Grab the blue tab on the ribbon cable and pull the cable out of its slot in the main circuit board.

Step 7



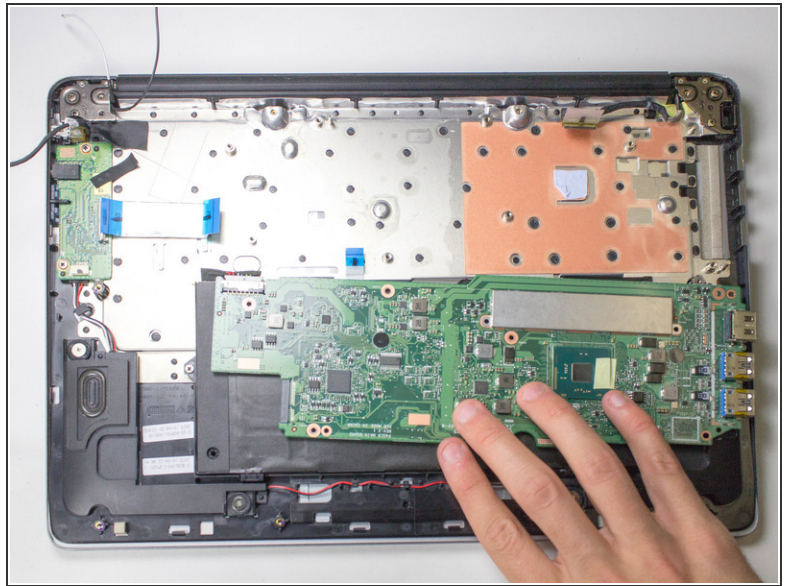
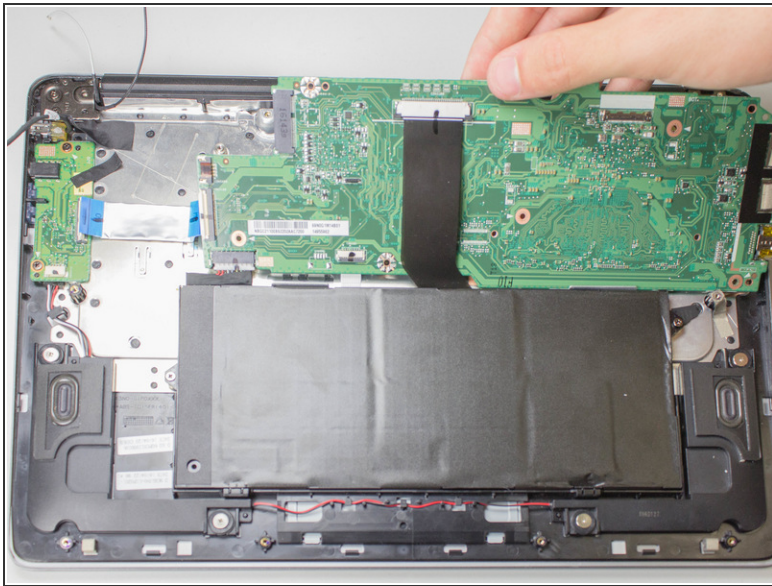
- Detach the black cable from the main circuit board by pulling back on the clear tab in order to slide the cable out of its slot in the main circuit board.

Step 8



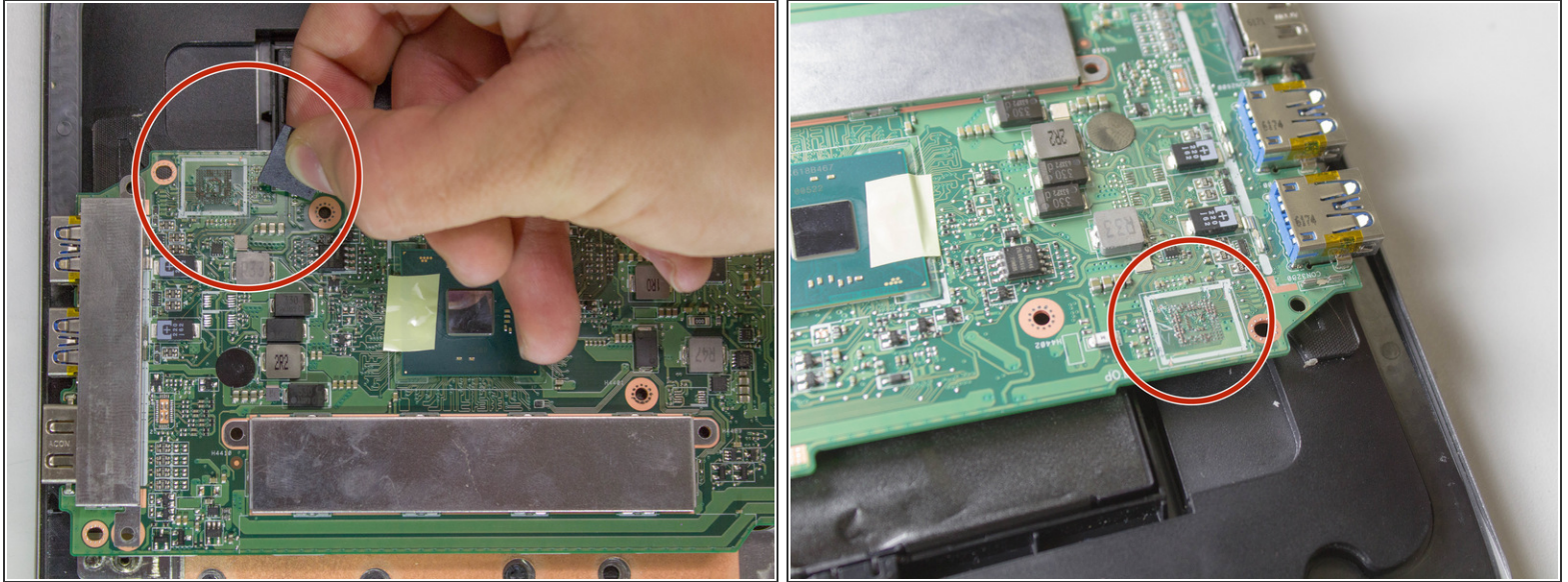
- Detach the power port plug from the main circuit board by grabbing it by the sides of the plastic with the tweezers and gently pulling it out.

Step 9



- Flip the main circuit board over.
- ⓘ Be careful to make sure the board comes freely off of its mount before flipping over.

Step 10



- Using a heat gun, heat up the old RAM chip in order to melt the old solder that is underneath the chip.
- ⚠ Note that the entire circuit board will be extremely hot during this process.
- Once the solder is melted, use tweezers to remove the old RAM.
- ℹ Refer to [this video](#) for an example of this step.

To reassemble your device, follow these instructions in reverse order.

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